

What is claimed is:

1. A work attracting apparatus comprising:

a work attraction section for attracting a work being
5 transported;

a movement section that moves said work attraction section
along a transportation direction of said work;

a work detector that detects said work being transported at a
predetermined position and outputs a detection signal; and

10 a controller that, when receiving said detection signal, controls
said movement section to move together with said work being
transported and makes said work attraction section operate.

2. The work attracting apparatus according claim 1, wherein said
15 work attraction section is a Bernoulli chuck.

3. A work attracting apparatus comprising:

a work attraction section for attracting a work being
transported;

20 a work detector that detects said work being transported at a
predetermined position and outputs a detection signal;

a work pushing-up portion that applies pressure to
predetermined part of said work to displace said work in a
predetermined amount in a attraction direction; and

25 a controller that, when receiving said detection signal, makes
said work pushing-up portion operate to displace said work in the
predetermined amount in the attraction direction.

4. The work attracting apparatus according to claim 3, wherein said work attraction section is a Bernoulli chuck.

5. A work attraction method, comprising:
making a work attraction section stand by at a predetermined position for attracting a work being transported;
detecting said work being transported which arrived at said predetermined position;

moving said work attraction section at a same speed as transporting speed of said work along transportation direction of said work for a predetermined time, for making said work attraction section attracting said work during said predetermined time.

6. The work attraction method according to claim 5, wherein said work attraction section attracts said work by using negative pressure based on the Bernoulli principle.

7. A work attraction method, comprising:
making a work attraction section stand by at a predetermined position for attracting a work being transported;
detecting said work being transported which arrived at said predetermined position;

pressuring toward said predetermined position of said work and displacing said work toward a attraction direction, in a predetermined amount, for accelerating the attraction of said work.

8. The work attraction method according to claim 7, wherein said work attraction section attracts said work by using negative pressure based on the Bernoulli principle.